

**IN THE CLAIMS:**

1           1.       (Currently Amended) An integrated three phase separator for separation of natural  
2 gas, hydrocarbon liquid, and water or brine, which separator comprises:

3                   a cylindrical vertical separation unit having a substantially closed top, ~~and~~ an opposed  
4 bottom, a fluid inlet and a gas outlet;

5                   a cylindrical horizontal separation unit having a first substantially closed end and a  
6 second end, a water or brine outlet and a hydrocarbon liquid outlet ~~pair of opposed ends~~;

7                   a tubular elbow connection having a pair of ends, one said end connected to said  
8 bottom of said vertical separation unit and another said end connected at ~~one~~ said second end of said  
9 horizontal separation unit; and

10                  metering plate means within said tubular elbow connection to retain said natural gas  
11 in said horizontal unit.

1           2.       (Original) An integrated three phase separator as set forth in Claim 1 wherein said  
2 vertical separation unit, said horizontal separation unit, and said tubular elbow connection each have  
3 the same diameter.

1           3.       (Original) An integrated three phase separator as set forth in Claim 1 wherein said  
2 metering plate means includes a flat plate juxtaposed at an angle to an axis of said vertical separation  
3 unit and at an angle to an axis of said horizontal unit.

1           4.       (Original) An integrated three phase separator as set forth in Claim 3 wherein said  
2 flat plate is juxtaposed at approximately a 30° angle to said vertical unit.

1           5.       (Original) An integrated three phase separator as set forth in Claim 1 wherein said  
2 metering plate means includes a flat plate extending across a diameter of said tubular elbow  
3 connection, and having a truncated base to permit liquid flow therethrough.

1           6.       (Original) An integrated three phase separator as set forth in Claim 1 including a  
2 fluid inlet from a well head into said vertical separation unit.

1           7.       (Original) An integrated three phase separator as set forth in Claim 6 wherein said  
2 fluid inlet is tangential to said vertical unit.

1           8.       (Original) An integrated three phase separator as set forth in Claim 1 including a  
2 natural gas outlet from said top of said vertical separation unit.

1           9.       (Original) An integrated three phase separator as set forth in Claim 5 including a slot  
2 in said metering plate.

1           10.      (Original) An integrated three phase separator as set forth in Claim 1 including an  
2 equalizer/condenser line extending between said horizontal unit and said vertical unit to balance gas  
3 pressure in said units.

- 1            11.    (Currently Amended) An integrated three phase separator as set forth in ~~Claim 1~~
- 2    Claim 10 including a supply gas dryer line extending from said equalizer/condenser line.